

INFORMATION DISCLOSURE CITATION

DI15 Rec'd PCT/PTO 03 SEP 2004

Atty. Docket No. 05788.0317	Application No. Not Yet Assigned
Applicants Marco ROMAGNOLI et al.	
Filing Date September 3, 2004	Group: Not Yet Assigned

U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Issue/Pub. Date	Name	Class	Sub Class	Filing Date If Appropriate
TW		5,526,449	06/11/96	MEADE et al.			
		6,134,369	10/17/00	KUROSAWA			
		6,064,511	05/16/00	FORTMANN et al.			
		6,198,860 B1	03/06/01	JOHNSON et al.			
TW		6,317,554 B1	11/13/01	KOSAKA et al.			

FOREIGN PATENT DOCUMENTS							
		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
TW		EP 0 764 861 A2/A3	03/26/97	EUROPE			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
TW	KOSAKA, H. et al.; "Photonic-Crystal Spot-Size Converter"; Applied Physics Letters, Vol. 76, No. 3, pages 268-270, (January 17, 2000).
TW	JOANNOPOULOS; J. D., "The Almost-Magical World Of Photonic Crystals"; Brazilian Journal of Physics, Vol. 26, No. 1, pages 58-67, (March 1996).
	ARETZ, K. et al.; "Reduction Of Crosstalk And Losses Of Intersecting Waveguide"; Electronics Letters, IEE Stevenage, GB, Vol. 25, No. 11, pages 730-731, (May 25, 1989).
	KOSAKA, H. et al.; "Self-Collimating Phenomena In Photonic Crystals"; Applied Physics Letters, Vol. 74, No. 9, pages 1212-1214, (March 1, 1999).
	ROMANOV, S. G. et al.; "Photonic Band-Gap Effects Upon The Light Emission From A Dye-Polymer-Opal Composite"; Applied Physics Letters, Vol. 75, No. 8, pages 1057-1059, (August 23, 1999).
TW	ETCHEGOIN, P. et al.; "Photon Focusing, Internal Diffraction, And Surface States In Periodic Dielectric Structures"; Physical Review, B Vol. 53, No. 19, pages 12674-12683, (May 15, 1996).

Examiner /Tina Wong/	Date Considered 08/27/2006
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TW	JOHNSON, S. G. et al.; "Guided Modes In Photonic Crystal Slabs"; Physical Review B, Vol. 60, No. 8, pages 5751-5758, (August 15, 1999).
TW	CHOW, E. et al.; "Three-Dimensional Control Of Light In A Two-Dimensional Photonic Crystal Slab"; Nature, Vol. 407, No. 6807, pages 983-986, (October 26, 2000).
TW	JOHNSON, S. G. et al.; "Elimination Of Cross Talk In Waveguide Intersections"; Optical Society of America, Optics Letters, Vol. 23, No. 23, pages 1855-1857, (December 1, 1998).

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4/21/05

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/506,658
				Filing Date	September 3, 2004
				First Named Inventor	Marco ROMAGNOLI
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	05788.0317

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

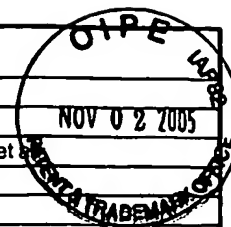
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
TW		LONČAR et al., "THREE-DIMENSIONAL ANALYSIS OF DISPERSION PROPERTIES OF PLANAR PHOTONIC CRYSTALS", Proceedings of PECS III Conference, pp. 1-2, (2001).	
TW		ASHCROFT et al., "SOLID STATE PHYSICS", International Edition, Sanders College Publishing, p. 89.	
TW		LONČAR et al., "DESIGN AND FABRICATION OF SILICON PHOTONIC CRYSTAL OPTICAL WAVEGUIDES", IEEE Journal of Lightwave Technology, Vol. 18, No. 10, pp. 1402-1411, (2000).	

Examiner Signature	/Tina Wong/	Date Considered	08/27/2006
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IDS Form PTO/SB/08: Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANTS</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>				Complete if Known	
				Application Number	10/506,658
				Filing Date	April 21, 2005
				First Named Inventor	Marco ROMAGNOLI et al.
				Art Unit	2874
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	05788.0317
Sheet	1	of	1		



U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/		US-			
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Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
TW		WO 03/075054 A1	09-12-2003	ROMAGNOLI et al.		
TW		WO 03/075056 A1	09-12-2003	ROMAGNOLI et al.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
TW		ESPINOLA, R. L. et al., "A Study of High-Index-Contrast 90° Waveguide Bend Structures", OPTICS EXPRESS, Vol. 8, No. 9, pp. 517-528, (April 23, 2001).	
		YANG, W. et al., "Design of Planar Optical Waveguide Corners With Turning Mirrors", Proceedings of Integrated Optics, Technical Digest Series, Vol. 6, pp. 58-63, (1996).	
		MANOLATOU, C. et al., "High-Density Integrated Optics", Journal of Lighthwave Technology, Vol. 17, No. 9, pp. 1682-1692, (September 1999).	
		MEKIS, A. et al., "High Transmission Through Sharp Bends in Photonic Crystal Waveguides", Phys. Rev. Lett., Vol. 77, pp. 3787-3790, (1996).	
V		MEADE, R. D. et al., "Novel Application of Photonic Band Gap Materials: Low-Loss Bends and High Q Cavities", J. App. Phys., Vol. 75, pp. 4753-4755, (1994).	
TW		CHOW, E. et al., "Quantitative Analysis of Bending Efficiency in Photonic-Crystal Waveguide Bends at $\lambda=1.55 \mu\text{m}$ Wavelengths", Optics Letters, Vol. 26, No. 5, (March 1, 2001).	

Examiner Signature	/Tina Wong/	Date Considered	08/27/2006
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